	FILE 'MEDLIN	E' ENTERED AT 13:03:33 ON 19 DEC 2008
	E	PARKIN N T/AU
L1	63 8	E3-E5
L2	30 8	L1 AND (PROTEASE)
L3	12 5	L2 AND AMPRENAVIR
L4	2 5	L3 AND (HYPERSUSCEPTIB? OR MORE SUSCEPTIBLE OR INCREASED SUSC
L5	195770 8	(HIV OR HUMAN IMMUNODEFICIENCY VIRUS)
L6	12397 8	L5 AND PROTEASE
L7	566 \$	L6 AND AMPRENAVIR
L8	13 8	L7 AND (HYPERSUSCEPTIB? OR MORE SUSCEPTIBLE OR INCREASED SUSC
L9	11 8	L8 NOT L4
	FILE 'WPIDS'	ENTERED AT 13:10:59 ON 19 DEC 2008
	E	PARKIN N T/IN
L10	31 8	E3 OR E4
L11	17 8	L10 AND PROTEASE
L12	9 9	L11 AND AMPRENAVIR
1.13	2 0	112 AND AUDEDCHICCEDTIDLE OF MODE CHICCEDTIBLE OF INCOPACED CH

### WEST Search History



DATE: Friday, December 19, 2008

Hide?	Set Name	Query	Hit Count
	DB=U	SPT; PLUR=YES; OP=AND	
***	L20	L19 and (hypersusceptibilitiy or (more adj susceptible) or (increased adj susceptibility))	61
3	L19	L18 and amprenavir	500
P***	L18	L17 and (protease adj inhibitor\$)	6454
§***	L17	L16 and protease	13730
§****	L16	(human immunodeficiency virus or HIV)	34522
-	L15	L14 and amprenavir	8
r	L14	(parkin.in. and neil.in. and t.in.)	14
	DB=P	GPB; PLUR=YES; OP=AND	
J	L12	L11 not L1	31
3	L11	L10 and (HIV.ti. or (human.ti. adj immunodeficiency.ti. adj virus.ti))	31
-	L10	L8 and (hypersusceptibility or (more adj susceptible) or (increased adj susceptibility))	368
1	L8	L7 and amprenavir	1559
-	L7	L6 and (protease adj inhibitor\$)	10641
1	L6	L5 and protease	21616
	L5	(human immunodeficiency virus or HIV)	43315
;***	L4	L3 and protease.ti.	8

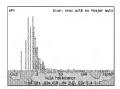
,	L3	L2 and (hypersusceptiblity or more susceptible or increased susceptibility)	2:
	L2	L1 and (protease or amprenavir)	2
100	L1	(neil.in. and parkin.in.)	2

END OF SEARCH HISTORY



#### Detailed Protease Phenotype Query

Mutations	P3#3	References	
Drugs	A(34)	bustons	
Assay	APRY	Results	
Whith Other Ray	milderts bin		ь.



Data subscalability scribts, of incorporate, multivary parts during our channes in the trade between telescalar submitted in multi-confidence and multi-confidence and the financial submitted in the financial submitted in the submitted for the submitted confidence for the mode area designated and only at ordinaries of their exception of the first Data is submitted in the submitted of the submitted data and the submitted for the submitted for

Page 1 from Result 1 to Result 29 from Total 23 Phenotype results

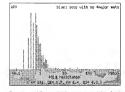
Auchor (yr)	Type	isolates	FRMujariNWs.	PMMinor Of 884s	Cines	Meditori	Erng	Fend
Contra URBS	Cirvosi	psE9990	L26, EAV. VR2A.	L101, A79V	064, MGEL PSBS, 1624, LEBP	Contra-96	APY	2.0
Duone GOOJ)	Clevelel	AL[april	V371, 148L, V674	L101, AZ1V	15V, N97S, P38S, R41V, L85P, V70P	Varelogic	APV	3.0
	Clarac si	C#11088	1,90 M	AZ IV. GZ3S	1157, Q18H, K701, E78D, KGEI, P099, E27, LESP F2L	Virologic	APV	1.4
Qumens GOOD	Clinical	41-16		L10:	T12F, I55V, L191, MS61, NS7E, P35S, L63S	Vireo	APV	0.6
Magaze 2000	Clinical	39315WZ	√32I, 147V	L101, A71T	T124, 03V, G18E, P39S, P57K, 64V, P2V 183L	Virco	APV	2.6
		SW51914	IS 484	1.39	UBV, NEZQ, PIBS, REIK, LESP, VBB BBL	Vseo	APV	4.9
		SW37158	MASIM, EUV	LIGI, AZIT	F124, ID3V, G16E, P39S, 967K, L639, 64V, 92V, D3L	Vaco	4PV	
Adauges GORAL)	Cliverari	APPENSEUR			KIAR LIGV NGPL PARS, RATE, 660E BOW, 84V	Vacu	APA	0.6
Groennar (2004)	(Beesi	17745Py115			GISE, PINP, MICI, PISS, PAIP, GASE, BIV, LAP	Virologio	,6\$47	0.6

R GUNGSTREAK GENOTYPERHOO DONOTYPE-CUREAL NEVBARONDAR

# Detailed Protease Phenotype Query

Minations	EEEG	References	11
Drugs	APY	isnteres	27
Banks	A205	Poseside	20

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Ong susceptionly reject of sequence whiching injudy-space are those in the table basis. Charactura references an indicated a view is the sealour service wild type and all soli of reject, more not deliver must include a resultance to the indicated another fine is inicially indicated in the last column of the state. Data is also inversionable above to periodic defense, they are indicated in the last column of the state. Data is also inversionable above to periodic defense, they are investigated in the last column of the state. Data is also inversionable in the last column of the state of the state

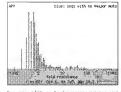
Page 1 from Result 1 to Result 28 from Total 28 Physiotype results

Author (yr)	Yygae	tyolates	Philapor Of Birts	Philinus DI Was	Otter	Method	Onso.	f estet
Yuque (XIII)	Canical	L/MBFE350		1,101, M4SV	113V, 916E, KZOR, E350, MJGI, P39T, P41K, 62V L63T, E650, HE3K, L994	Visco	AFA	1.6
		LVMP411	8/5/65/1		L6F, K14P, 05V, K20R, E36D, M36I, NE7O, R41K, R67K, L83T, E86D, L89M	√исо	APV	0.4
irona Hes (2001)	Concal	5,405546	VER, FSSL, 84V, VESS. 190M	L101, AZ1V	L38M, E34Q, N37H, Q61E, L63E, K4V, E66D	Virologic	apv	4.2
Sampi GUDA:	Cirrical	6F-284			ITOV, NOVEN, ROVELLEEHPO, GERM, ERSCE, VVV, LEEME		APV	06
		090294			18V, M364, RATK, L63P, E860, P70P	√imlopic	APV	0.8
Cumens GBSiCi	Cloneal	AD-18			057, 6350, PAIK, 6577, QSIN, 647, 6560	Viree	APV	0.6
		AD-66			463P (E660) 85R	Vitt o	APV	8.0
Magol (MRIZ)	Clinic al	2877369091	IS41, V67F	L10I, 668E	9416, LEST, 6666-1739, 9771	√нее	AFN/	18.1
		4009367901			MOBI 107E, 957F, L63P, 94FA, 905D, 1-709	Virea	apa,	0.6

### Detailed Protease Phenotype Query

Mutations	Hisk	Reterences	17
Brugs	AFFY	Isotates	133
Assay	AWY	Results	160

WithhoomerMajorMuts No



R

Dog overspiller, earths of invenences maleries, aprix query ser invent in the Table below. Literature relevances in violated as well as the Tables are mad unityee and it is not imply, more not either mustalors. The find revisitance to the most adeal ammonismal drug is included in the last column of the table. Dath is also summinated above in pagins of instrument Dath bear indicated in the last column of the table. Dath is also summinated above in pagins of instrument Dath bear indicated in the last column of the table. Dath is allocated the column of the table Dath is also summinated above in pagins of the sum and the last column of the table. Dath is also summinated in the last of the table Dath is allocated the last column of the last column

Pages 1 [2]

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Frage I from Prosult 1 to Posult 100 from Total 182 Phonotype results

Author (yr)	Oppe	resistes	PRESSORDEGES	PROMINED DRINES	Ower	Method	Drug	Food
irengos GRRRIU	Clencal	EXSTRACTO		L16I	H3V, G18A M38I, R41K, D60E, C81E, C67G, H69V, L59M	Var.o	APV	0.4
		E945HPLD			113V, K14R, 917E, K29I, M98, N378, R41E, B4M, M88K, L89M	Vac.o	APV	0.3
		LV44EFE260		L1GI, M46,V	H3V, G16E K20R, E360, M3SJ, P39T, R41K, 67V, L63T, E660, R69V, L69M	TV44,6	APV	16
		CVMP1387			195V, 016A, MEW, N370, G60E, G61E, L63T, C67E, H69V, V77T, L69M	Уисо	April	34
		EVKIPSED			816V, G16A, W370, D40E, S61E, L631, S67E, H69K, S771	Viico	£\$4	9.2
		DAIP646		LtGI	H5V - E366 ; MERL F41K E-52K - H68K ; E8564	Ande	APV	9.2
Second GDRsid	Clans: 91	DF-1664		Lite	00V, 05V, 635D, MS&L	Viralogic	AFV	36

VENOTYPERS GROCTFREFREND GENCTIFE-CURSAL PROGRAM

## Detailed Protease Phenotype Query

Mutassons	L09M	Beterences	.22
Druge,	10307	isolotes	163
Assay	4447	Resills	163
WithNoOtherNaj	orfitute No		

SPV blue: seqs with no \*major muts 0.3

( na.721 | 61# 2.2; ft# 7.8; 63# 20 )

Drag susceptibility results of sequences matching input query are shown in the table below. Literature references are indicated as well as the solids water and two and a list of major minor and other mutations. The feld resistance to the exercised artiferential drug is milicated in the tast column of the table. Data is also summarized shows in graphical format. Data have indicate the range of resistance of those sequences with no <u>Indicated drug</u>. resistance mutation; and red bars indicate the told resistance of sequences matching the input query. The total number of sequences(n), the median joid resistance(m), as well as the first(Q1) and third quartilet(C5) are indicated

Pages 1 2

Back Te Opers

Page 1 from Result 1 to Persitt 100 from Total 165 Phenotype results

Author (vi)	Type	isotates	PMAnjor DRMs.	PROMERCONDES	Other	Method	Drug	\$ 0365
Condia (1866)	Climeal	PL9459	SW, WOF	L101, L331	018E, 1/29F, E350, M36I, N37S, US3P, L89M, B3L	Connex-86	APV	1.0
		hetasse	647, VIDF. 190M	L101, L331	Q18E, F20R, E350, M06L N37S, USSP, L89M, ISSL	Соптен 66	A\$^v	4.0
		ME-8443	M#SI, V82F. IBEV	L101, L331	1125, I13V, M36I, I64V, L89M	Conden-86	APV	>8.0
1936smurk 0.9350	Cline, si	Yoshi ?	1241, MAGL, 1547, V82A	L10I	115V, KZOR, MD61, 67V LE3P, K70O, US9M	Generio PBMC	APV	16.0
Calacino (3555g	Clinic st	V000053	VS21, M461., VSQA, Usbal	L101, Q68E, A21V	\$27, LESP. LBSM	Yirco	APV	70
		V038437	7501, M461, 1847	LIDL OSSE, AZIV	USBA, E36D, RS7F, USBP, F20R, I72X, USDBA	Vires	AFAY	29.0
		V309696	1,241, 18461, 1647, 1824	LIGI	LBBV, 82V, LBBP, E4V. LBBM	Vivo	MPA,	8.0
		VQ13888	L33F , 150V	L10F, T749	1737, MASK. 1830, V771, 18900	Vice	4574	14 0
		V216064	LBBF, ISAM, LBBM	996E, 973F	1122, USA. D605, USAP. 1771, USAM. MSL	Mark	بهجوم	310